

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Simons Foundation	Mississippi collaborative autism cohort study (M-CACS)	\$65,000	3.1	University of Mississippi Medical Center
Simons Foundation	Translational biomarkers of genetically defined autism spectrum disorders - Core	\$0	2.1	Massachusetts Institute of Technology
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$0	3.1	University of Washington
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	University of Washington
Simons Foundation	Clinical Site Network for the National Autism Cohort	\$200,000	3.1	University of Washington
Simons Foundation	SPARK Incentive Award	\$13,600	3.1	University of Washington
Simons Foundation	Behavioral effects of fever and other illness on young children with autism - Project 1	\$90,000	2.Core/Other	University of California, San Francisco
Simons Foundation	Parameterizing Neural Habituation in ASD with Sensory Overresponsivity	\$0	2.1	University of California, Los Angeles
Simons Foundation	South Carolina SPARK	\$200,000	3.1	Medical University of South Carolina
Simons Foundation	SPARK Incentive Award	\$2,200	3.1	Medical University of South Carolina
Simons Foundation	Characterizing topographically variable dysplasias in individuals with ASDs	\$0	2.1	San Diego State University Research Foundation
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	University of Illinois at Chicago
Simons Foundation	Interaction of WGS Variation and Polygenic Risk	\$274,960	3.1	University of Utah
Simons Foundation	Pieces of the Puzzle: Uncovering the Genetics of Autism	\$1,144,726	3.1	Broad Institute, Inc.
Simons Foundation	SPARKing a global gene discovery effort in ASD: SNVs and indels	\$0	3.1	Broad Institute, Inc.
Simons Foundation	Developing Scalable Measures of Behavior Change for ASD Treatments- Project 2	\$0	1.3	New York University School of Medicine
Simons Foundation	4/4 SSC-ASC Whole Genome Sequencing Consortium: UTR mutation analysis	\$99,182	3.1	Washington University in St.Louis
Simons Foundation	Integrated CNV analysis of SPARK exomes	\$0	3.1	University of Washington
Simons Foundation	Structural Variation and the Genetic Architecture of Autism	\$0	3.1	University of Washington
Simons Foundation	Foxp1-regulated cell-type specific contributions to striatal development	\$161,276	2.1	UT Southwestern Medical Center
Simons Foundation	CII Autism Program: Maternal and child infection and immunity in ASD	\$0	3.2	Columbia University
Simons Foundation	Role of the Thalamic Reticular Nucleus in ASD	\$240,000	2.1	Massachusetts Institute of Technology
Simons Foundation	Exploring Sex Differences in ASD via the NRXN1 KO Rat	\$75,000	2.CC	University of Maryland, College Park
Simons Foundation	Exploring calcium signaling defects in a mouse model of 16p11.2 deletion	\$0	2.1	The Regents of the University of California, San Francisco (Contracts & Grants)

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Simons Foundation	Objective measures of social interactions via wearable cameras	\$0	1.3	Georgia Tech Research Corporation
Simons Foundation	Colorado Clinical Autism Network Site (C-CAN)	\$57,446	3.1	University of Colorado, Denver
Simons Foundation	Brain Imaging and Cell Signaling: Insights into the Biology of Autism	\$124,999	1.3	University of California, San Francisco
Simons Foundation	SPARK Incentive Award	\$1,800	3.1	The Regents of the University of California (Davis)
Simons Foundation	UC Davis MIND Institute Clinical Site for National Autism Cohort	\$200,000	3.1	University of California, Davis
Simons Foundation	SFARI SURF at Caltech 2018	\$20,000	7.3	California Institute of Technology
Simons Foundation	Investigating the mechanism of FMRP dysregulation with loss of TSC2	\$79,879	2.1	Children's Hospital Boston
Simons Foundation	Conserved neural mechanisms for social motivation in mice and humans	\$79,868	2.1	Massachusetts Institute of Technology
Simons Foundation	The role of the PTCHD1-antisense long noncoding RNA in Autism.	\$196,088	2.1	The Hospital for Sick Children
Simons Foundation	CHOP National Autism Cohort Study	\$250,000	3.1	Children's Hospital of Philadelphia
Simons Foundation	SPARK Incentive Award	\$4,800	3.1	Children's Hospital of Philadelphia
Simons Foundation	Mechanisms of complex genetic inheritance in ASD	\$0	3.1	The Regents of the University of California, San Diego
Simons Foundation	Biomarkers of Emotion Regulation, Social Response & Social Attention in ASD	\$0	1.3	Women & Infants Hospital
Simons Foundation	The Rhode Island Consortium for Autism Research and Treatment (RI-CART) - Phase II	\$512,756	7.1	Women & Infants Hospital
Simons Foundation	Defective lineage-dependent precise neocortical circuit assembly in ASD	\$82,500	2.1	Joan & Sanford I. Weill Medical College of Cornell University
Simons Foundation	Spatiotemporal and cell type convergence to reveal ASD neurobiology	\$275,000	3.1	University of California, San Francisco
Simons Foundation	Validation of candidate ASD genes by targeted sequencing with molecular inversion probes	\$0	3.1	University of California, San Francisco
Simons Foundation	Regulation of striatal neuronal development by mTOR/macrolautophagy	\$149,307	2.1	Columbia University Medical Center
Simons Foundation	The new Simons Center for the Social Brain	\$2,251,694	7.3	Massachusetts Institute of Technology
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	Vanderbilt University Medical Center
Simons Foundation	Cryptic Genetic Causes of Autism	\$125,000	3.1	Massachusetts General Hospital
Simons Foundation	Discovery and Functional Characterization of Structural Variation in Autism	\$158,816	3.1	Massachusetts General Hospital (The General Hospital Corp.)

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Simons Foundation	SPARKing a global gene discovery effort in ASD: structural variation	\$0	3.1	Broad Institute, Inc.
Simons Foundation	Somatic Mosaicism in autism spectrum disorders	\$274,879	3.1	Yale University
Simons Foundation	SPARK Vanderbilt	\$200,000	3.1	Vanderbilt University Medical Center
Simons Foundation	SPARK Incentive Award	\$800	3.1	Vanderbilt University Medical Center
Simons Foundation	Delineating the role of Ras/MAPK signaling in 16p11.2 phenotypes	\$125,000	2.1	University of California, San Francisco
Simons Foundation	Genetic Contribution to Autism	\$1,728,834	3.1	Cold Spring Harbor Laboratory
Simons Foundation	Simons Variation in Individuals Project (VIP) Principal Investigator	\$370,706	3.1	Columbia University
Simons Foundation	Comparison of cortical circuit dysfunction in ASD model mice	\$0	2.1	University of California, Berkeley
Simons Foundation	International Meeting for Autism Research (IMFAR) Support	\$50,000	7.3	International Society for Autism Research
Simons Foundation	Impact and Mechanisms of Paternal Gonadal Mosaicism on Risk of ASD	\$150,000	3.1	The Regents of the University of California, San Diego
Simons Foundation	Do VIP interneurons drive abnormal prefrontal circuit function in autism?	\$75,000	2.1	University of California, San Francisco
Simons Foundation	Epitranscriptomic regulation of ASD risk genes	\$162,500	2.1	The Trustees of the University of Pennsylvania
Simons Foundation	Development of CRISPRa therapeutics to rescue SCN2A function	\$80,000	4.1	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Canonical Computations in Autism	\$137,070	2.1	Baylor College of Medicine
Simons Foundation	Striatal circuit dysfunction in a novel autism mouse model	\$0	2.1	Northwestern University Feinberg School of Medicine
Simons Foundation	Probing perception and sensorimotor coupling in mouse models of autism	\$75,000	2.1	Harvard University
Simons Foundation	Cincinnati Children's- Simons SFARI Autism Cohort Submission	\$200,000	3.1	Cincinnati Children's Hospital Medical Center
Simons Foundation	SPARK Incentive Award	\$0	3.1	Cincinnati Children's Hospital Medical Center
Simons Foundation	Translating Drug Discovery in Zebrafish and Mouse Models of ASD Risk Genes	\$123,833	4.1	Yale University
Simons Foundation	Eliminating MRI motion with personalized head restraints	\$70,000	2.Core/Other	Joan & Sanford I. Weill Medical College of Cornell University
Simons Foundation	A somatic mechanism for ASD phenotypic heterogeneity	\$0	3.1	University of Michigan
Simons Foundation	Network activity and translational regulation in SHANK2 ASD neurons	\$273,710	2.1	The Hospital for Sick Children
Simons Foundation	The role of PTCHD1 in thalamic reticular nucleus function and ASD	\$0	2.1	Massachusetts Institute of Technology

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Simons Foundation	Oregon SPARK: National Autism Cohort 50K	\$200,000	3.1	Oregon Health & Science University
Simons Foundation	SPARK Incentive Award	\$0	3.1	Oregon Health & Science University
Simons Foundation	Oregon SPARK: 2018 Summer Undergraduate Research Internship	\$10,000	7.3	Oregon Health & Science University
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	University of California, Los Angeles
Simons Foundation	Neural circuitry linking oxytocin deficiency and social impairment in ASD	\$75,000	4.1	University of California, Los Angeles
Simons Foundation	Foxp1 orchestration of neuronal function in the striatum	\$74,425	2.1	University of Texas Southwestern Medical Center
Simons Foundation	Developing Novel Analytics for Ambulatory Electrodermal Activity Data	\$62,593	1.3	Northeastern University
Simons Foundation	Molecular consequences of strong effect ASD mutations including 16p11.2	\$100,000	2.1	Massachusetts General Hospital
Simons Foundation	Randomized Controlled Pilot Trial of Pregnenolone in Autism	\$0	4.1	Stanford University
Simons Foundation	Defining the Translational Landscape in Mouse Models of Autism - Project 1	\$137,500	2.1	University of Texas Southwestern Medical Center
Simons Foundation	Activity-regulated transcription and ASD genes in synapse pruning	\$82,500	2.1	UT Southwestern Medical Center
Simons Foundation	Translational dysregulation of the RhoA pathway in autism	\$125,000	2.1	University of California, San Diego
Simons Foundation	ASD research enhanced by Minnesota community, roots and diversity	\$200,000	3.1	University of Minnesota
Simons Foundation	SPARK Incentive Award	\$0	3.1	Regents of the University of Minnesota - Twin Cities
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	Baylor College of Medicine
Simons Foundation	SPARK at Baylor College of Medicine	\$250,000	3.1	Baylor College of Medicine
Simons Foundation	SPARK Incentive Award	\$8,400	3.1	Baylor College of Medicine
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$5,943	3.1	Baylor College of Medicine
Simons Foundation	Developing Scalable Measures of Behavior Change for ASD Treatments- Project 1	\$0	1.3	Icahn School of Medicine at Mount Sinai
Simons Foundation	Analyses of the SFARI genotype and phenotype data and their associations: In support of research at the Simons Foundation	\$132,624	3.1	University of Pennsylvania
Simons Foundation	Disruption of Cortical Projection Neurons, Circuits, and Cognition in ASD	\$0	2.1	George Washington University
Simons Foundation	Exploring role of Th17-inducing maternal intestinal bacteria in ASD - Project 1	\$93,149	3.2	New York University School of Medicine

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Simons Foundation	Developing Scalable Measures of Behavior Change for ASD Treatments - Core	\$101,309	1.3	Weill Cornell Medical College
Simons Foundation	CADB Clinical Site Network	\$15,000	3.1	Weill Cornell Medical College
Simons Foundation	Behavioral effects of fever and other illness on young children with autism –Core	\$67,850	2.Core/Other	Weill Cornell Medical College
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	University of Missouri
Simons Foundation	Cell type molecular neuropathology of the cerebellum in autism	\$0	2.1	Seattle Children's Hospital
Simons Foundation	Analysis of UBE3A- and NHE6-mutant cells to determine social communication gene networks	\$80,000	2.1	Brown University
Simons Foundation	Developing Scalable Measures of Behavior Change for ASD Treatments- Project 3	\$0	1.3	University of Southern California
Simons Foundation	Toward creating Behavioral Informatics for ASD through Rich and Efficient Audio Processing	\$188,033	4.3	USC/University of Southern California
Simons Foundation	Translational biomarkers of genetically defined autism spectrum disorders - Project 1	\$0	1.1	Children's Hospital Boston
Simons Foundation	Tempus Dynamics, LLC	\$0	7.2	Tempus Dynamics, LLC
Simons Foundation	Fermi Research Alliance, LLC	\$0	7.2	Fermi Research Alliance, LLC
Simons Foundation	The Jackson Laboratory	\$89,400	2.1	The Jackson Laboratory
Simons Foundation	DNA Genotek Inc.	\$1,761,691	3.1	DNA Genotek Inc.
Simons Foundation	SFN Conference	\$74,800	7.3	Society for Neuroscience
Simons Foundation	Health Unlimited LLC	\$166,459	7.Core/Other	Health Unlimited LLC
Simons Foundation	IMFAR 2018	\$118,572	7.3	International Society for Autism Research
Simons Foundation	PreventionGenetics LLC	\$1,482,263	3.1	PreventionGenetics LLC
Simons Foundation	Mindspec, Inc.	\$986,256	7.2	Mindspec, Inc.
Simons Foundation	Qualtrics, LLC	\$71,800	7.2	Qualtrics, LLC
Simons Foundation	Regeneron Pharmaceuticals, Inc.	\$5,591,718	3.1	Regeneron Pharmaceuticals, Inc.
Simons Foundation	Venividi Solutions LLC	\$89,467	7.2	Venividi Solutions LLC
Simons Foundation	AWS (Amazon Web Services)	\$634,623	7.2	N/A
Simons Foundation	Jay L Nestle	\$968,452	7.2	Jay L Nestle
Simons Foundation	Ultra Testing LLC	\$56,305	7.Core/Other	Ultra Testing LLC
Simons Foundation	Margaret Mark Strategic Insight Inc	\$119,965	7.Core/Other	Margaret Mark Strategic Insight Inc
Simons Foundation	Leverate Media Americas Inc.	\$118,381	7.Core/Other	Leverate Media Americas Inc.
Simons Foundation	Ultra Testing LLC	\$56,305	7.Core/Other	Ultra Testing LLC

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Simons Foundation	Foundation Associates	\$1,800,000	7.1	N/A
Simons Foundation	Annual SFARI Meeting	\$117,616	7.3	N/A
Simons Foundation	SFARI Conferences, Workshops & Events	\$0	7.3	N/A
Simons Foundation	SFARI Spring Investigator Meeting	\$451,059	7.3	N/A
Simons Foundation	SPARK Annual Meeting	\$181,483	7.3	N/A
Simons Foundation	SFARI Fall Investigator Meeting	\$306,211	7.3	N/A
Simons Foundation	Winter Pilot Review Meeting	\$68,943	7.3	N/A
Simons Foundation	Rutgers, The State University of New Jersey	\$757,089	7.1	Rutgers, The State University of New Jersey
Simons Foundation	Frameshift Labs, Inc.	\$250,000	7.2	Frameshift Labs, Inc.
Simons Foundation	Clinical Research Associates	\$1,660,000	4.1	Clinical Research Associates
Simons Foundation	SFARI National Autism Cohort - Emory Autism Center	\$15,000	3.1	Emory University
Simons Foundation	Detecting and Treating Social Impairments in a Monkey Model	\$164,588	4.1	Stanford University
Simons Foundation	Advancing a monkey model of social impairment	\$278,400	2.1	The Board of Trustees of the Leland Stanford Junior University (Stanford)
Simons Foundation	Translating Neuroprediction into Precision Medicine via Brain Priming - Project 1	\$0	4.1	The George Washington University
Simons Foundation	Translating Neuroprediction into Precision Medicine via Brain Priming - Project 1	\$0	4.1	The Rector and Visitors of the University of Virginia
Simons Foundation	SPARK Incentive Award	\$0	3.1	The Regents of the University of California, San Diego
Simons Foundation	Establishing a San Diego and Southwest Regional Autism Cohort	\$200,000	3.1	University of California, San Diego
Simons Foundation	Carolina SPARK: Carolina Site for the SFARI National Autism Cohort	\$200,000	3.1	Univ of North Carolina, Chapel Hill
Simons Foundation	SPARK Incentive Award	\$9,600	3.1	Univ of North Carolina, Chapel Hill
Simons Foundation	Safety, Efficacy and Basis of Oxytocin and Brain Stimulation Therapy in ASD	\$0	4.1	University of Pennsylvania
Simons Foundation	Role of a novel PRC1 complex in neurodevelopment and ASD neurobiology	\$112,500	2.1	New York University School of Medicine
Simons Foundation	Chromatin mechanisms of gene repression in ASD and cortical development	\$275,000	2.1	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	Emory University
Simons Foundation	Dissecting primary motor cortex circuit dysfunction in a mouse model of MeCP2 duplication syndrome	\$275,000	2.1	Brigham and Women's Hospital
Simons Foundation	Clinical Site Network for the National Autism Cohort	\$200,000	3.1	Kennedy Krieger Institute

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Simons Foundation	SPARK Incentive Award	\$0	3.1	Hugo W. Moser Research Institute at Kennedy Krieger, Inc.
Simons Foundation	Clinical Site Network for the National Autism Cohort at NCH Ohio	\$200,000	3.1	Nationwide Children's Hospital
Simons Foundation	SPARK Incentive Award	\$0	3.1	Nationwide Children's Hospital
Simons Foundation	Development of corticothalamic circuits of prefrontal cortex in mouse models of autism	\$75,000	2.1	Boston Children's Hospital
Simons Foundation	2/4 SSC-ASC Whole Genome Sequencing Consortium: Statistical Models	\$89,029	3.1	University of Pittsburgh
Simons Foundation	Interactome perturbation splits risk from benign de novo missense mutations - Project 1	\$0	3.1	University of Pittsburgh
Simons Foundation	Interactome perturbation by large-scale mutagenesis to find risk variants - Project 1	\$0	3.1	University of Pittsburgh
Simons Foundation	Molecular characterization of temperature sensitive circuits in the mouse	\$60,000	2.1	Harvard University
Simons Foundation	Molecular and functional characterization of sickness-sensitive circuits	\$162,500	2.1	President & Fellows of Harvard College
Simons Foundation	Simons Variation in Individuals Project (VIP) Recruitment Core and Phase 2 Coordination Site	\$530,397	7.1	Geisinger Clinic
Simons Foundation	Integrative characterization of microglial and astrocyte activation in ASD	\$82,500	2.1	The Regents of the University of California, Los Angeles
Simons Foundation	Tracing abnormal developmental trajectories in cortical neurons	\$114,525	2.1	University of Geneva
Simons Foundation	Neurobiology of Rai1, a critical gene for syndromic ASDs	\$87,500	2.1	Stanford University
Simons Foundation	Decoding Affective Prosody and Communication Circuits in Autism	\$0	2.1	Stanford University
Simons Foundation	Visualizing neural circuits of social sensory processing	\$0	2.1	Univ of North Carolina, Chapel Hill
Simons Foundation	Autophagy pathway alterations in lymphocytes: Potential biomarkers for autism?	\$75,000	2.1	Columbia University
Simons Foundation	Cerebello-Cortical circuits in Autism-related behavior	\$150,000	2.1	University of Texas Southwestern Medical Center
Simons Foundation	Identification and analysis of functional networks perturbed in autism	\$0	3.1	Columbia University
Simons Foundation	Summer Undergraduate Autism Research Program	\$10,000	7.3	The Trustees of Columbia University in the City of New York
Simons Foundation	Cellular models for autism de novo mutations using human stem cells	\$125,000	2.Core/Other	Broad Institute, Inc.

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Simons Foundation	Interactome perturbation by large-scale mutagenesis to find risk variants ñ Core	\$95,655	3.1	Cornell University
Simons Foundation	Interactome perturbation splits risk from benign de novo missense mutations - Core	\$91,500	3.1	Cornell University
Simons Foundation	Environment-wide association study of autism	\$0	3.2	Erasmus Universitair Medisch Centrum Rotterdam
Simons Foundation	The neuronal reprogramming factor and autism-associated gene Myt1l	\$275,000	2.1	Stanford University
Simons Foundation	In Vivo Functional Analysis of Autism Candidate Genes	\$122,782	3.1	Baylor College of Medicine
Simons Foundation	Disrupted Homeostatic Synaptic Plasticity in Autism Spectrum Disorders.	\$125,000	2.1	Brandeis University
Simons Foundation	Analysis of autism-associated alleles in C. elegans	\$119,872	3.1	California Institute of Technology
Simons Foundation	Rush-Chicagoland SPARK	\$200,000	3.1	Rush University Medical Center
Simons Foundation	SPARK Incentive Award	\$1,400	3.1	Rush University Medical Center
Simons Foundation	Developing Scalable Measures of Behavior Change for ASD Treatments- Project 4	\$0	1.3	Montefiore Medical Center
Simons Foundation	Gene Regulatory Control of Prefrontal Cortex Development and Evolution	\$137,500	2.1	Yale University
Simons Foundation	Interactome perturbation splits risk from benign de novo missense mutations - Project 2	\$57,844	3.1	Carnegie Mellon University
Simons Foundation	Interactome perturbation by large-scale mutagenesis to find risk variants - Project 2	\$32,295	3.1	Carnegie Mellon University
Simons Foundation	Investigating the role of somatic mutations in autism spectrum disorders	\$0	3.1	Oregon Health & Science University
Simons Foundation	SFARI Undergraduate Summer Research Program	\$10,000	7.3	Oregon Health & Science University
Simons Foundation	Dysregulation of mTor/Tsc in 22q11DS Autism Model	\$0	2.1	George Washington University
Simons Foundation	Uncovering the impact of 16p11.2del on neurons mediating motivated behavior	\$124,936	2.CC	University of Pennsylvania
Simons Foundation	Identifying convergent neural circuit impairments in autism.	\$156,644	2.1	Yale University
Simons Foundation	Linking circuit dynamics and behavior in a rat model of autism	\$66,025	2.1	University of California, San Francisco
Simons Foundation	Top-down dynamics in autism	\$0	2.1	Rockefeller University
Simons Foundation	Accelerating autism research through the Interactive Autism Network	\$721,896	7.2	Kennedy Krieger Institute

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Simons Foundation	Microglia in models of normal brain development, prenatal immune stress and genetic risk for autism	\$100,000	2.1	Harvard Medical School
Simons Foundation	Cortical Connections 2018 Meetings & Symposium on Brain Development	\$6,000	7.3	International Research Consortium for the Corpus Callosum and Cerebral Connectivity
Simons Foundation	NeuroDev: Genetic Characterization of Neurodevelopmental Disorders in African Populations	\$1,392,782	3.1	Broad Institute, Inc.
Simons Foundation	Characterizing the severely affected autism population	\$368,642	3.1	Maine Medical Center
Simons Foundation	SPARK Northern New England	\$100,000	3.1	Maine Medical Center
Simons Foundation	The Autism Inpatient Collection: Phase 3-Expansion	\$127,090	4.3	MaineHealth d/b/a Maine Medical Center
Simons Foundation	The 2018 ASF/Dup15q Research Symposium	\$6,000	7.3	Dup15q Alliance
Simons Foundation	Translating Neuroprediction into Precision Medicine via Brain Priming - Core	\$0	4.1	Yale University
Simons Foundation	FamilieSCN2a Foundation Family and Professional Conference	\$0	7.3	The FamilieSCN2a Foundation
Simons Foundation	Defining the Translational Landscape in Mouse Models of Autism - Core	\$137,500	2.1	University of Massachusetts Medical School
Simons Foundation	Boston Children's Hospital Clinical Site for the National Autism Cohort	\$200,000	3.1	Boston Children's Hospital
Simons Foundation	The role of striatal interneurons in social deficits and repetitive behaviors	\$0	2.CC	Yale University
Simons Foundation	Probing the development and reversibility of autism-related phenotypes in SETD5 conditional knockout mice	\$99,789	2.1	Institute of Science and Technology Austria
Simons Foundation	Assessing the functional effects of enhancer mutations identified in the Simons Simplex Collection via mouse models	\$84,900	3.1	University of California, Davis
Simons Foundation	SPARK recruitment center in Iowa	\$200,000	3.1	The University of Iowa
Simons Foundation	SPARK Incentive Award	\$600	3.1	The University of Iowa
Simons Foundation	The neuroscience and genetic basis of twice exceptionality: a pilot study	\$80,000	2.1	The University of Iowa
Simons Foundation	Understanding the neurobiology of attachment deficits in ASD	\$70,000	2.1	University of California, San Francisco
Simons Foundation	Amniotic fluid and Cerebrospinal fluid-based signaling in ASD	\$75,000	3.3	Boston Children's Hospital
Simons Foundation	Restoring GABA inhibition in a Rett syndrome mouse model by tuning a kinase-regulated Cl ⁻ rheostat	\$133,678	2.1	Yale University

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Simons Foundation	University of Miami Clinical Site Network for the National Autism Cohort	\$197,712	3.1	University of Miami
Simons Foundation	SPARK Incentive Award	\$0	3.1	University of Miami
Simons Foundation	SPARK Incentive Award	\$0	3.1	The Regents of the University of California, Los Angeles
Simons Foundation	SFARI Clinical Site Network for the National Autism Cohort	\$249,974	3.1	University of California, Los Angeles
Simons Foundation	Does Astrocyte Dysfunction Contribute to Synaptic Pathologies in Autism?	\$75,000	2.1	Duke University Medical Center
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	McGill University Health Centre- Montreal Children's Hospital
Simons Foundation	Regulation of KCC2 as a target for treatment of Autism	\$75,000	4.1	University Laval
Simons Foundation	Assessing thalamocortical circuit function in TSC1 and NHE6 mouse models	\$75,000	2.1	Brown University
Simons Foundation	Spatio-Temporal Gene Discovery for Autism Spectrum Disorder	\$0	3.1	Bilkent University
Simons Foundation	Brain imaging of treatment response	\$0	2.1	The Hospital for Sick Children
Simons Foundation	Thompson Center Clinical Site for Simons National Autism Cohort	\$200,000	3.1	University of Missouri
Simons Foundation	SPARK Incentive Award	\$3,600	3.1	University of Missouri
Simons Foundation	GPF (Genotype and Phenotype in Families) System	\$177,836	7.2	Cold Spring Harbor Laboratory
Simons Foundation	Exploring role of Th17-inducing maternal intestinal bacteria in ASD - Core	\$272,776	3.2	University of Massachusetts Medical School
Simons Foundation	A multi-platform approach to the functional assessment of ASD gene variants	\$120,000	3.1	University of British Columbia
Simons Foundation	Multi-model platform for functionalizing ASD variants and drug testing	\$162,500	2.1	University of British Columbia
Simons Foundation	Understanding Somatosensation Deficits in Autism Spectrum Disorder	\$352,500	2.1	Harvard Medical School
Simons Foundation	Consortium on Biomarker and Outcome Measures of Social Impairment for Use in Clinical Trials in Autism Spectrum Disorder	\$500,000	1.3	Foundation for the National Institutes of Health
Simons Foundation	Use of High-throughput Splicing Assays to Prioritize Autism Gene Candidates	\$0	3.1	Brown University
Simons Foundation	Biased spatiotemporal dynamics of striatal circuits impact behavior in ASD	\$275,000	2.1	Columbia University Medical Center
Simons Foundation	Cellular and circuit effects of SCN2A haploinsufficiency	\$150,000	2.1	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Identifying autism-associated signaling pathways regulated by CHD8 in vivo	\$0	2.1	King's College London

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Simons Foundation	Studying the neuroanatomical and behavioral changes in a mouse model of ASD	\$10,000	7.3	New York University
Simons Foundation	Novel technology for behavioral phenotyping of autism mouse models	\$75,000	2.1	California Institute of Technology
Simons Foundation	Pilot study to evaluate molecular changes in the brain of Chd8 mutant mice as a function of age	\$200,000	2.1	The University of North Carolina at Chapel Hill
Simons Foundation	Identification of shared transcriptional profiles with three high-confidence autism mouse models	\$110,000	2.1	Univ of North Carolina, Chapel Hill
Simons Foundation	Exacerbation of Chd8+/- phenotypes with a suspected environmental risk	\$84,221	3.3	The University of North Carolina at Chapel Hill
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	Yale University
Simons Foundation	Tracking Intervention Effects with Eye Tracking	\$0	1.3	Yale University
Simons Foundation	Characterizing Sensory Hypersensitivities in Autism	\$0	2.1	Massachusetts General Hospital
Simons Foundation	Functional and behavioral analysis of zebrafish ASD models	\$74,982	2.1	University of Queensland
Simons Foundation	1/4 SSC-ASC Whole Genome Sequencing Consortium: Association Testing	\$108,219	3.1	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Stability of Sensory Coding in Fragile-X Mice - Project 1	\$0	2.1	The Regents of the University of California, Los Angeles
Simons Foundation	SPARK Incentive Award	\$1,800	3.1	Geisinger Clinic
Simons Foundation	Geisinger ADNI: SPARK Clinical Research Site	\$199,899	3.1	Geisinger Clinic
Simons Foundation	Generating EEG biomarkers of treatment outcome	\$168,468	4.1	Birkbeck College
Simons Foundation	Neurobiological basis of connectivity deficits in autism	\$65,568	2.1	Fondazione Istituto Italiano di Tecnologia (Italian Institute of Technology)
Simons Foundation	Dissecting phenotypic heterogeneity associated with 16p12.1 deletion	\$75,000	3.1	Pennsylvania State University
Simons Foundation	Intersection of Autism Genetics and Homeostatic Plasticity	\$0	2.1	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Mechanisms that Connect Autism with Homeostatic Synaptic Plasticity	\$125,000	2.1	University of California, San Francisco
Simons Foundation	BAF53b (Actl6b) in Autism and Neurodevelopmental Disorders	\$275,000	2.1	Stanford University
Simons Foundation	The influence of ASD-risk genes on synaptic function in the basal ganglia	\$275,000	2.1	The Regents of the University of California, Berkeley

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Simons Foundation	BKCa channels openers for the treatment of sensory hypersensitivity in ASD	\$230,498	4.1	Institut National de la Santé et de la Recherche Médicale-ADR-Bordeaux
Simons Foundation	ASXL3 in Neural Fate Commitment and Autism Spectrum Disorder	\$75,000	2.1	The Regents of the University of Michigan
Simons Foundation	Modulation of a splicing regulatory network commonly disrupted in autism	\$150,000	4.1	Governing Council of the University of Toronto
Simons Foundation	Neurodevelopmental assessment of motor behavior in a mouse model of autism	\$0	2.1	The University of Iowa
Simons Foundation	Neurophysiological impact of abnormal infant sleep in 16p11.2 deletion mice	\$92,669	2.2	The University of Iowa
Simons Foundation	Oxytocin receptor signaling	\$70,000	2.1	New York University School of Medicine
Simons Foundation	Delineating neural circuits underlying autism-like behaviors in mice	\$150,000	2.1	Massachusetts Institute of Technology
Simons Foundation	Improved automatic analysis of LENA home recordings	\$0	1.3	Georgia Tech Research Corporation
Simons Foundation	Structural biological studies of the cytoplasmic domain of KCC2	\$276,992	4.1	New York Structural Biology Center
Simons Foundation	Structural Biological Studies of the Soluble and Membrane Regions of KCC2	\$126,163	2.1	New York Structural Biology Center
Simons Foundation	Modulation of mitochondrial efficiency to treat Fragile X Syndrome	\$146,077	4.1	Yale University
Simons Foundation	Molecular mechanisms of sensory transduction in the gut	\$150,000	2.2	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Spatiotemporal dissection of UBE3A with engineered human cerebral organoids	\$0	2.1	North Carolina State University
Simons Foundation	A major programme of fundamental and clinical autism research	\$5,319,931	2.1	University of Edinburgh
Simons Foundation	Convergence and Divergence Between Fragile X and Autism Spectrum Disorders	\$10,000	7.3	Gordon Research Conferences
Simons Foundation	Investigating cell type-specific molecular pathology in autistic brain	\$150,000	2.1	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Learning-related activity in the autistic brain	\$0	2.1	Yale University School of Medicine
Simons Foundation	Cell-type-specific brain networks perturbed by genetics in autism	\$272,588	2.1	Broad Institute, Inc.
Simons Foundation	Synthetic Infrared Nanosensors for Real-time Monitoring of Oxytocin Release	\$734	4.1	The Regents of the University of California, Berkeley
Simons Foundation	Mechanistic insight into autism from a sex-specific induction model	\$150,000	2.CC	The Rector and Visitors of the University of Virginia
Simons Foundation	Expression and characterization of the neuron-specific potassium chloride cotransporter, KCC2	\$0	2.1	The Regents of the University of California, San Francisco (Contracts & Grants)

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Simons Foundation	Expr. & character of neuron-specific potassium chloride cotransporter, KCC2	\$100,000	4.1	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Fever and the brain in autism: Temperature versus inflammatory effects	\$198,228	2.Core/Other	THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN
Simons Foundation	Sleep EEG abnormalities in toddlers with regressive or classical autism	\$0	2.2	Ben-Gurion University of the Negev
Simons Foundation	Comparison of iPSC reprogramming methods from 16p11.2 microdeletion patient derived tissue	\$0	2.1	President & Fellows of Harvard College
Simons Foundation	Exploring disruption of DNA methylation in autism spectrum disorders	\$150,000	2.1	Washington University in St. Louis
Simons Foundation	Effect of Autism risk genes in neural cell identity using single cell seq	\$275,000	2.1	Yale University
Simons Foundation	Mitochondrial DNA Mutations in Autism Spectrum Disorder	\$146,906	3.1	Cornell University
Simons Foundation	Interpreting de novo tandem repeat variants in ASD using genetic constraint	\$0	3.1	The Regents of the University of California, San Diego
Simons Foundation	Neural correlates of sensory hypersensitivity in autism spectrum disorder	\$150,000	2.1	The Salk Institute for Biological Studies
Simons Foundation	Uncovering Trio's role in Autism Spectrum Disorder	\$75,000	2.1	University of Southern California
Simons Foundation	Neural mechanisms underlying sleep disturbances in autism spectrum disorder	\$82,500	2.2	The Trustees of the University of Pennsylvania
Simons Foundation	DYRK1A Family Meeting	\$1,500	7.1	Syndromes Without a Name USA
Simons Foundation	Sleep-dependent synapse remodeling during development and in Rett syndrome	\$150,000	2.2	University of North Carolina at Chapel Hill (Chapel Hill, NC)
Simons Foundation	Subcortical multisensory integration in autism spectrum disorder	\$82,500	2.1	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Yellow Brick Road Project Family Meeting	\$5,000	7.1	Yellow Brick Road Project, Inc.
Simons Foundation	Neural circuit development in the Fragile X zebrafish	\$82,248	2.1	The University of Queensland
Simons Foundation	Impaired sensory perception and aberrant cortical circuit activity in autism model mice	\$80,000	2.1	Georgia Tech Research Corporation
Simons Foundation	Exploring RAT model for 16p11.2 syndrome	\$91,553	2.1	Institut de Genetique et de Biologie Moleculaire et Cellulaire (CERBM)
Simons Foundation	Generating a new Del(Sult1a1-Spn) 16p11.2 deletion model in Long-Evans Rat	\$0	2.1	Institut de Genetique et de Biologie Moleculaire et Cellulaire (CERBM)
Simons Foundation	Mechanisms of cortical plasticity in autism spectrum disorder	\$82,500	2.1	The Regents of the University of Michigan

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Simons Foundation	Elucidation of the Bidirectional Role of Microglia in Fragile X Syndrome	\$0	2.1	Univ of Texas Health Science Center at San Antonio
Simons Foundation	GRIN2B Family Meeting	\$5,000	7.1	GRIN2B Foundation
Simons Foundation	Synaptic refinement and glial phagocytosis in a mammalian model of Fragile X Syndrome	\$80,000	2.1	The Trustees of Columbia University in the City of New York
Simons Foundation	Biochemical Analysis of ASD Mutations in SYNGAP1	\$80,000	2.1	The Regents of the University of California, San Francisco (Contracts and Grants)
Simons Foundation	A platform to identify circuit defects in autism model mice	\$179,244	2.1	California Institute of Technology
Simons Foundation	Myelin integrity and plasticity in Autism Spectrum Disorders	\$0	2.1	Stanford University
Simons Foundation	BRS Family Meeting	\$5,000	7.1	Leo's Lighthouse Foundation Inc.
Simons Foundation	Cell Type Specificity of ASD Risk Factors in Developing Human Brain	\$82,500	2.1	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	New mathematical approaches to dissect neuronal circuits dynamics from EEG in ASD	\$0	2.1	Fondazione Istituto Italiano di Tecnologia (Italian Institute of Technology)
Simons Foundation	Insula-Central Amygdala Circuits in Social and Sensory Function	\$80,000	2.1	Vanderbilt University Medical Center (VUMC)
Simons Foundation	Linking preterm birth and ASD risk with cerebellar white matter injury	\$84,528	3.3	Children's Research Institute, Children's National Medical Center
Simons Foundation	Vision in Genetically Characterized Autism Populations	\$73,188	2.1	Trustees of Dartmouth College
Simons Foundation	Disrupted GABAergic action in the autistic brain	\$173,900	2.1	Trustees of Dartmouth College
Simons Foundation	The role of silent synapses in the etiology of autism	\$70,000	2.1	University of Pittsburgh
Simons Foundation	Sensory processing in ASD - a multi-level approach	\$79,600	2.1	The University of Western Ontario
Simons Foundation	Maximizing autism gene discovery by machine learning and single cell data	\$0	3.1	The Trustees of Columbia University in the City of New York
Simons Foundation	CSNK2A1 Foundation Family Meeting	\$1,500	7.1	CSNK2A1 Foundation
Simons Foundation	Glial control of neuron shape and function	\$82,500	2.1	Fred Hutchinson Cancer Research Center
Simons Foundation	Maintaining Genomic Integrity in the Face of Environmental Insult (EMGS 2018 Annual Meeting)	\$3,000	7.3	Environmental Mutagenesis and Genomics Society
Simons Foundation	Transgenerational mitochondrial mutations in autism	\$78,744	3.1	The Hospital for Sick Children
Simons Foundation	Disentangling autism heterogeneity through multivariate genetic analyses	\$0	3.1	Max Planck Institute for Psycholinguistics
Simons Foundation	Characterization of predictive abilities in individuals with ASD using web-based interception games	\$0	2.1	Northeastern University

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Simons Foundation	Molecular Mechanisms of Neuronal Connectivity	\$3,000	7.3	Cold Spring Harbor Laboratory
Simons Foundation	Developmental origins of the female protective effect in autism	\$80,000	2.CC	Cold Spring Harbor Laboratory
Simons Foundation	Restoring FMRP to reverse Fragile X Syndrome	\$79,800	4.1	The University of Calgary
Simons Foundation	Establishment of Parallel Cortico-Basal Ganglia Circuits by ASD-Linked Pcdh	\$81,485	2.1	Children's Hospital Boston
Simons Foundation	The role of glial CHD2 in synaptic homeostatic plasticity and autism	\$0	2.1	Georgetown University
Simons Foundation	Leveraging a high-throughput CRISPR screen to uncover convergent phenotypes across autism genes	\$80,000	2.1	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Integrative Analysis of Common Variation Associated with Autism	\$0	3.1	The University of North Carolina at Chapel Hill
Simons Foundation	Pathogenic Gating Pore Current in Autism	\$0	2.1	University of Washington
Simons Foundation	Associative circuitry in Bcl11a/Ctip1 ASD mice: growth cone proteomes & RNA	\$150,000	2.1	President & Fellows of Harvard College
Simons Foundation	Delineating neurodevelopmental causal paths to autism symptoms in infancy	\$224,902	2.3	Birkbeck College
Simons Foundation	A novel method for revealing the shared molecular pathways of autism genes	\$0	2.1	Washington University in St. Louis
Simons Foundation	Autism synaptic endophenotypes & candidate drug rescue	\$150,000	4.1	Stanford University
Simons Foundation	Objective Assessment of Repetitive Behaviors in Autistic Children	\$0	2.Core/Other	The Regents of the University of California, San Diego
Simons Foundation	Mapping ASD regulatory networks at cellular resolution in neurodevelopment	\$275,000	2.1	Yale University
Simons Foundation	Stability of sensory coding in Fragile-X mice - Core	\$86,419	2.1	University of Bristol
Simons Foundation	Elucidating the signaling pathways involved in autism spectrum disorder	\$150,000	2.1	The Regents of the University of California (Davis)
Simons Foundation	USP9X: A master gene for neural development and autism	\$0	2.1	University of Queensland
Simons Foundation	Cognitive and Brain Imaging Study of Autism Spectrum Disorder Risk Alleles	\$0	3.1	Yale University School of Medicine
Simons Foundation	Quantitative Video Analysis for Online Behavioral Studies in ASD	\$0	1.3	Duke University
Simons Foundation	National SPARK Mobile App Competition	\$49,000	4.3	Pace University
Simons Foundation	In vitro modeling of genetic subtypes of autism	\$150,000	3.1	Creighton University

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Simons Foundation	Developmental changes in a mouse model of UBE3A hyperactivation	\$150,000	2.1	Washington University in St. Louis
Simons Foundation	Rare human knockouts in autism: patterns and mechanisms	\$151,874	3.1	Boston Children's Hospital
Simons Foundation	Mechanistic studies of the interaction between Shank3 and CaMKIIa	\$240,000	2.1	The Hong Kong University of Science and Technology
Simons Foundation	Translation Machinery in Health and Disease	\$5,000	7.3	Gordon Research Conferences
Simons Foundation	SFARI Undergraduate Summer Research Program (2018)	\$20,000	7.3	The Trustees of the University of Pennsylvania
Simons Foundation	UNC Summer of Learning and Research (SOLAR)	\$19,990	7.3	The University of North Carolina at Chapel Hill
Simons Foundation	SFARI Undergraduate Summer Research Program	\$20,000	7.3	Yale University
Simons Foundation	SFARI Undergraduate Summer Research Program	\$9,999	7.3	New York University School of Medicine
Simons Foundation	Enhancing Diversity in Autism Research Via Undergraduate Research	\$30,000	7.3	Harvard Medical School
Simons Foundation	SFARI Undergraduate Summer Research Program	\$19,680	7.3	Johns Hopkins University-School of Medicine
Simons Foundation	Molecular and Cellular Neurobiology Gordon Research Conference	\$6,000	7.3	Gordon Research Conferences
Simons Foundation	SPARK Registry - PEDSnet Linkage Pilot	\$82,889	7.2	The Children's Hospital of Philadelphia
Simons Foundation	Minimally-Verbal ASD cognition studied via involuntary eye movements	\$0	2.1	Bar-Ilan University
Simons Foundation	Genomic prediction to study autism liability and phenotype relationship	\$72,382	3.1	Institut National de la santé et de la recherche médicale, DR Paris5

